IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: NAKAGAWA et al.

Serial No.: Rule 53(b) of 10/028,425

Filed: August 13, 2003

For: TERMINAL APPARATUS

Art Unit: Unassigned (2185 previously in parent application)

Examiner: Unassigned (C. Cao previously in parent application)

UNDER 37 C.F.R. §1.97 & §1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

August 13, 2003

Sir:

This Information Disclosure Statement is being filed in accordance with 37 C.F.R. §1.97 along with a Form PTO-1449. This Information Disclosure Statement is being filed simultaneously with the filing of this application.

This application claims priority under 35 U.S.C. §120 from U.S. Application No. 10/028,425 filed December 28, 2001, as well as U.S. Application No. 09/051,286 filed April 9, 1998. Thus, in accordance with 37 C.F.R. §1.98(d), copies of the references cited or submitted in the parent applications do not need to be filed by the applicant.

English language Abstracts were previously provided for each of JP-A-5-1228280, JP-A-4-219045, JP-A-4-167168 and JP-A-2-297594. Those four

references as well as JP-U-3-080689 were also cited in a corresponding PCT Search Report.

Additionally, an English language Abstract of JP-A-9-22379 was also previously submitted.

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (referencing Case No. 500.36179CC2) and please credit any excess fees to such deposit account.

espectfully submitted

David C. Oren

Registration No. 38,694

ANTONELLI, TERRY, STOUT & KRAUS, LLP.

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Attachments:

Form PTO-1449

(Rev. 4/92) ·

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office

ATTY. DOCKET NO. 500.36179CC2

APPLICANT

SERIAL NO. Rule 53(b) of 10/028,425

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

NAKAGAWA et al.

(Use several sheets if necessary)

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	5	2	9	3	5	8	6	3/94	YAMAZAKI et al.			
	5	3	1	5	7	0	0	5/94	JOHNSTON et al.			

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U.S. PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- "DSP56116 Digital Signal Processor User User's Manual" issued by Motorola Inc., pp. 1-1 to 5-16, 1990. 1 Nikkei Electronics Vol. 463, December 26, 1998 (Nikkei BP Corp.), Osamu Kobayashi and other, "DSP 2 which spreads its application scope on the full-scale debut of 32-bit floating points" pp. 133-146, Figs. 5, 12. 3
 - "Latest Information on GSM/Systems, Terminals and Services", Seminar materials, Japan Industrial Technological Center, May 18 and 19, 1965 and "Development Trend of GSM telephone Terminal Devices", pp. 118-130, Japan Phillips.

EXAMINER

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> **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

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APPLICANT

SERIAL NO.

Rule 53(b) of 10/028,425

NAKAGAWA et al.

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